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FACSIMILE COVER SHEET

DATE: August 25, 2006

TO: Commissioner for Patents

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FACSIMILE NO.: (571) 273-8300

FROM: Margaret A. Pruitt for Chandran Kumar Reg. No. 48,679

REFERENCE: Serial No.: 10/796,256
Atty. Docket No. 414-35025-US
Deposit Account: 02-0429(414-35025-US)

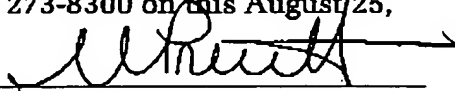
NUMBER OF PAGES INCLUDING THIS COVER SHEET: 12If all pages are not received, please call Margaret A. Pruitt (713) 266-1130x132

Enclosed are the following documents for filing:

1. Response to Office Action mailed May 25, 2006.

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I certify that this correspondence, along with any papers referred to as being attached or enclosed, is being transmitted by facsimile to the attention of the Commissioner for Patents, Examiner Nicole A. Coy, Facsimile No. (571) 273-8300 on this August 25, 2006.


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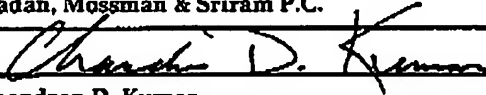
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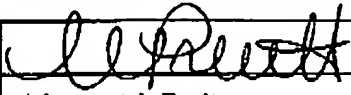
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| | | | |
|---|------------------------|-----------------------|--|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/796,256 | RECEIVED CENTRAL FAX CENTER AUG 25 2006 |
| | Filing Date | March 9, 2004 | |
| | First Named Inventor | Volker Krueger et al. | |
| | Art Unit | 3672 | |
| | Examiner Name | Nicole A. Coy | |
| | Attorney Docket Number | 414-35025-US | |
| Total Number of Pages in This Submission | | 12 | |

| ENCLOSURES (Check all that apply) | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Applicant submits a Response to the Final Office Action mailed May 25, 2006. |
| Remarks The Commissioner is authorized to charge any underpayment or credit any overpayment to: Deposit Account No. 02-0429 (414-35025-US). | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm Name | Madan, Mossman & Sriram P.C. | | |
| Signature |  | | |
| Printed name | Chandran D. Kumar | | |
| Date | August 25, 2006 | Reg. No. | 48,679 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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| Signature |  | | |
| Typed or printed name | Margaret A. Pruitt | Date | August 25, 2006 |

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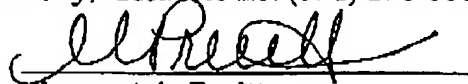
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Margaret A. Pruitt**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Krueger et al.

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Group Art Unit: 3672

SERIAL NO.: 10/796,256

Examiner: Nicole A. Coy

FILED: March 9, 2004

Atty. Docket: 414-35025-US

TITLE: "Apparatus and Method of
Controlling Motion and Vibration of an
NMR Sensor in a Drilling BHA"

Confirmation No.: 2388

MS: AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO THE FINAL OFFICE ACTION DATED MAY 25, 2006

This is in response to the Final Office Action, dated May 25, 2005 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 8.

Conclusion begins at page 10.